Systems of Systems Common Operating Environment

SOSCOE provides:

- Easier and quicker to develop applications

- Reduced life cycle costs

- upgradeable solutions due to isolation and independence from Operating System, hardware, applications

Government purpose rights of SOSCOE make it available as a software framework open for Army-wide utilization

Proven as a services layer through the delivery of IBCT Increment 1 capability

Provides a services layer (including middleware) that provides isolation between application services and Operating System (and Computer hardware)

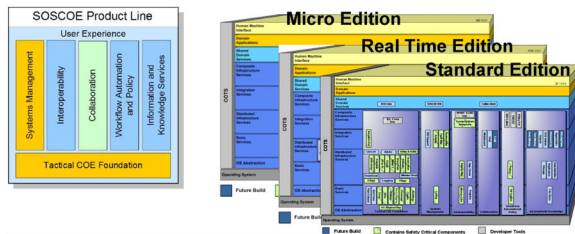Supports and aids all phases of Tactical software Application

- Development

- Operational Use

- Maintenance

Provides a single development and deployment environment for Tactical Domain, similar to how Microsoft provides a total environment for the Enterprise/Operational Domain

Provide the necessary infrastructure that does not require current force systems and sensor platforms to require their own C2 system while enabling data dissemination across the organization structure

---

Product Lines and Scalable Editions

SOSCOE is a collection of product lines formed into scalable editions

Micro Edition
Real Time Edition
Standard Edition

Multiple SOSCOE products and editions enable customizable software foundation to meet specific performance, scalability, portability, and interoperability requirements of platforms

---

SOSCOE Product Line

Tactical COE Foundation: Discovery and dissemination of services/data in a secure and trustable manner for the tactical environment

Systems Management: Uniform configuration and process management and customization for the tactical environment. Includes support for the maintenance of complex multi blade deployments, field update/versioning

Interoperability: Extensible and secure interoperability of data and services with external systems to include current force, enterprise services (NCES), and JIMI

Collaboration: Instant messaging, whiteboard, and email capabilities supporting tactical users including seamless collaboration to enterprise users

Workflow Automation and Policy: Complete environment for automating and orchestrating operational task sequences for SOA-based applications

Information and Knowledge Services: Data management, mining, and search for the tactical environment including semantic interchange

User Experience: Comprehensive source of user documentation, guidance, examples, and tutorials for solution developers and integrators